

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 7    | ("6526356" "6567752")   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/03 15:12 |
| S2    | 4    | ("6526356" "6567752") and (health condition status) same (machinery tool machine) and (microprocessor processor microcontroller controller computer microcomputer)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/23 23:13 |
| S3    | 2    | ("6567752").URPN.   | USPAT   | OR               | ON      | 2005/06/23 23:11 |
| S4    | 21   | ("3045221"   "4517468"   "5109700"   "5586066"   "5610339"   "5689434"   "5710723"   "5774379"   "5808903"   "5842157"   "5917428"   "5943634"   "5987399"   "6041287"   "6567752"   "6591166"   "6591296"   "6609212"   "6678639"   "RE31750").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | ON      | 2005/06/23 23:12 |
| S5    | 2    | ("6526356" "6567752") and (health condition status) same (machinery tool machine) and (microprocessor processor microcontroller controller computer microcomputer)and maintenance and vibration and amplitude                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/24 11:39 |
| S6    | 6    | (health condition status) same (tool\$2 machine\$4 gear\$3) and (microprocessor processor microcontroller controller computer microcomputer)and maintenance and vibration and amplitude and radial and runout and shaft and resonant                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/03 15:15 |
| S7    | 0    | (health condition status) same (tool\$2 machine\$4 gear\$3) and (microprocessor processor microcontroller controller computer microcomputer)and maintenance and vibration and amplitude and radial and runout and shaft and resonant and schedule   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/24 11:43 |
| S8    | 749  | (health condition status) same (tool\$2 machine\$4 gear\$3) and (microprocessor processor microcontroller controller computer microcomputer)and maintenance near6 schedule  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/06/24 11:44 |

## EAST Search History

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S9  | 45 | (health condition status) same (tool\$2 machine\$4 gear\$3) and (microprocessor processor microcontroller controller computer microcomputer) and maintenance near6 schedule and radial | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 11:44 |
| S10 | 0  | S9 and electromagnetic   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 11:44 |
| S11 | 32 | S9 and optic\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 11:44 |
| S12 | 0  | S10 and vibrat\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 11:45 |
| S13 | 23 | S11 and vibrat\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 11:45 |
| S14 | 18 | S13 and teeth  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 12:24 |
| S15 | 0  | 10/750512  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 16:14 |
| S16 | 0  | health same status same machine and (alert alarm notify ) same (halt stop quit cease) near4 operation  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 16:16 |
| S17 | 3  | health same status same machine and (alert alarm notify ) same (halt stop quit cease) same operation   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 16:16 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S18 | 541746 | health same status same machine and (alert alarm notify ) same (halt stop quit cease) same operation and schedule maintenance      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 16:16 |
| S19 | 0      | health same status same machine and (alert alarm notify ) same (halt stop quit cease) same operation and schedule same maintenance | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 16:16 |
| S20 | 51     | "5406502"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 17:02 |
| S21 | 16     | "5406502" and health   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 17:03 |
| S22 | 2      | "5406502".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/24 17:03 |
| S23 | 2      | ("6526356" "6567752") and resonant   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/03 15:13 |
| S24 | 0      | ("6526356" "6567752") and resonant and proximeter\$2   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/03 15:13 |
| S25 | 394962 | (health condition status) same (tool\$2 machine\$4 gear\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/11 15:49 |
| S26 | 2      | (health condition status) same (tool\$2 machine\$4 gear\$3) same proximeter  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/03 15:18 |
| S27 | 77770  | (health condition status) same (tool\$2 machine\$4 gear\$3) same (sens\$4 detect\$4 measur\$5 sensor proximeter)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/03 15:18 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S28 | 10    | (health condition status) same (tool\$2 machine\$4 gear\$3) and proximeter  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/03 15:21 |
| S29 | 0     | ("2005/0149290").URPN.  | USPAT                                       | OR | OFF | 2005/12/03 15:18 |
| S30 | 2     | (health condition status) same (tool\$2 machine\$4 gear\$3) and proximeter and resonant   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/03 15:21 |
| S31 | 11265 | (health condition status) near3 (gear\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/11 15:50 |
| S32 | 0     | (health condition status) near3 (gear\$3) same (meter sens\$4 proximeter\$4 ) same (processor cpu microprocessor controller microcontroller computer microcomputer) same vibration near3 frequenc\$4 same amplitude         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/11 15:53 |
| S33 | 0     | (health condition status) near3 (gear\$3) same (meter sens\$4 proximeter\$4 ) same (processor cpu microprocessor controller microcontroller computer microcomputer) same vibration near3 frequenc\$4                        | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/11 15:53 |
| S38 | 7     | (health condition status) near3 (gear\$3) same (meter sens\$4 proximeter\$4 ) same (processor cpu microprocessor controller microcontroller computer microcomputer) same vibrat\$4  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/11 16:04 |
| S39 | 14    | (health condition status) near3 (gear\$3 rotat\$4 near3 machin\$4) same (meter sens\$4 proximeter\$4 ) same (processor cpu microprocessor controller microcontroller computer microcomputer) same vibrat\$4                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/11 16:09 |
| S40 | 1     | (health condition status) near3 (gear\$3 rotat\$4 near3 machin\$4) same (meter sens\$4 proximeter\$4 ) same (processor cpu microprocessor controller microcontroller computer microcomputer) same vibrat\$4 same frequen\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/12/11 16:09 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S41 | 5   | BARKHOUDARIAN.in. and health                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2005/12/23 16:26 |
| S42 | 26  | BARKHOUDARIAN.in.                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2005/12/23 16:27 |
| S43 | 1   | "6567752" and (monitor\$4 status<br>health)same gear | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2005/12/23 16:28 |
| S44 | 7   | ("5629872"   "5748851").PN. OR<br>("6567752").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/11/21 16:31 |
| S45 | 1   | "6567752" and radial                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/11/28 15:51 |
| S46 | 0   | "6567752" and axial                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/11/28 15:52 |
| S47 | 395 | axial adj runout                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/11/28 15:52 |
| S48 | 89  | axial adj runout and radial adj<br>runout            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2006/11/28 15:52 |
| S49 | 0   | "6567752" and (runout run adj out)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/05 14:50 |

## EAST Search History

|     |   |   |  |    |    |                  |
|-----|---|---|--|----|----|------------------|
| S50 | 2 | "6567752" and (electromagnetic<br>capacitive optical) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/05 14:51 |
|-----|---|---|--|----|----|------------------|